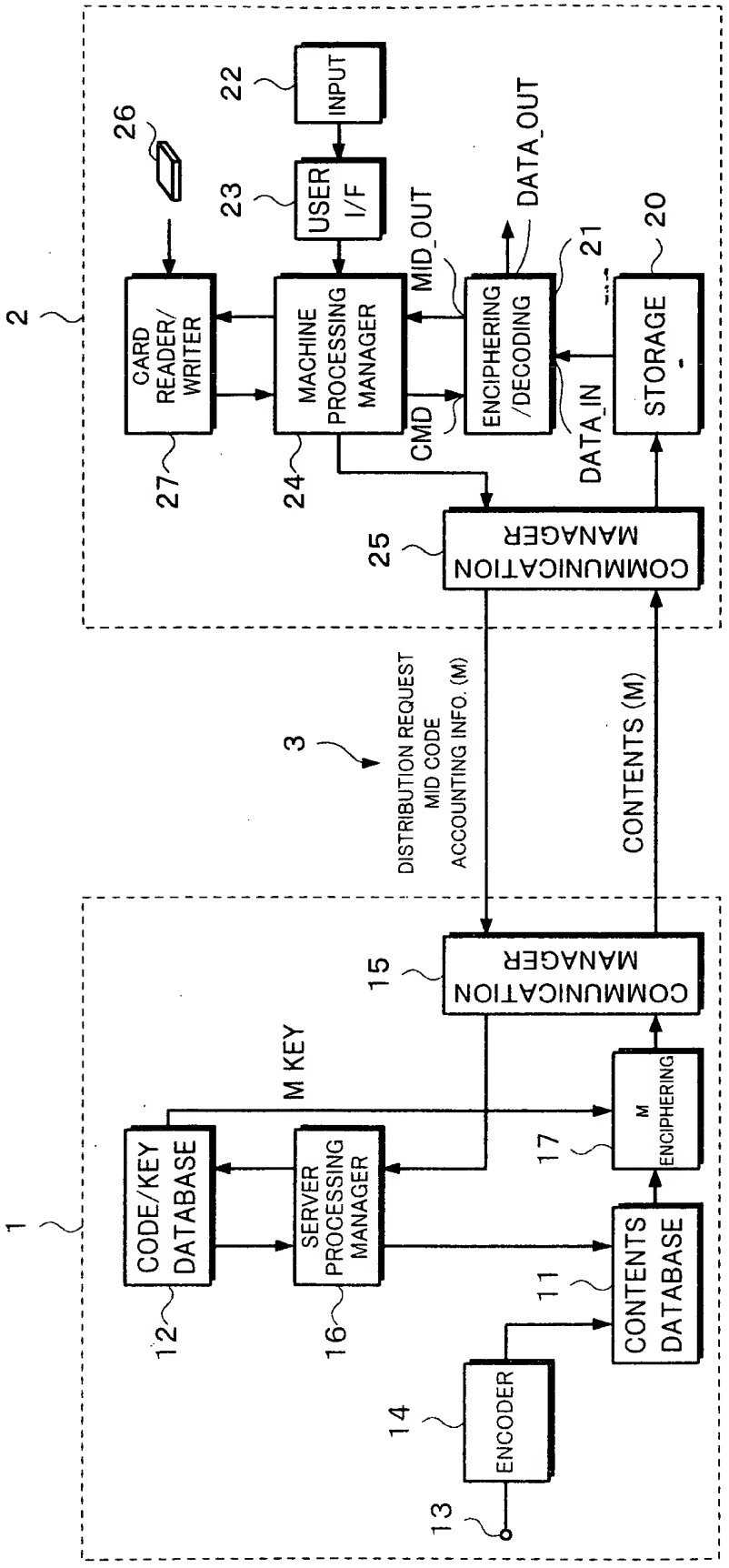
09/462615

Rec'd PCT/PTO 10 JAN 2000

0005 JAN 0 1

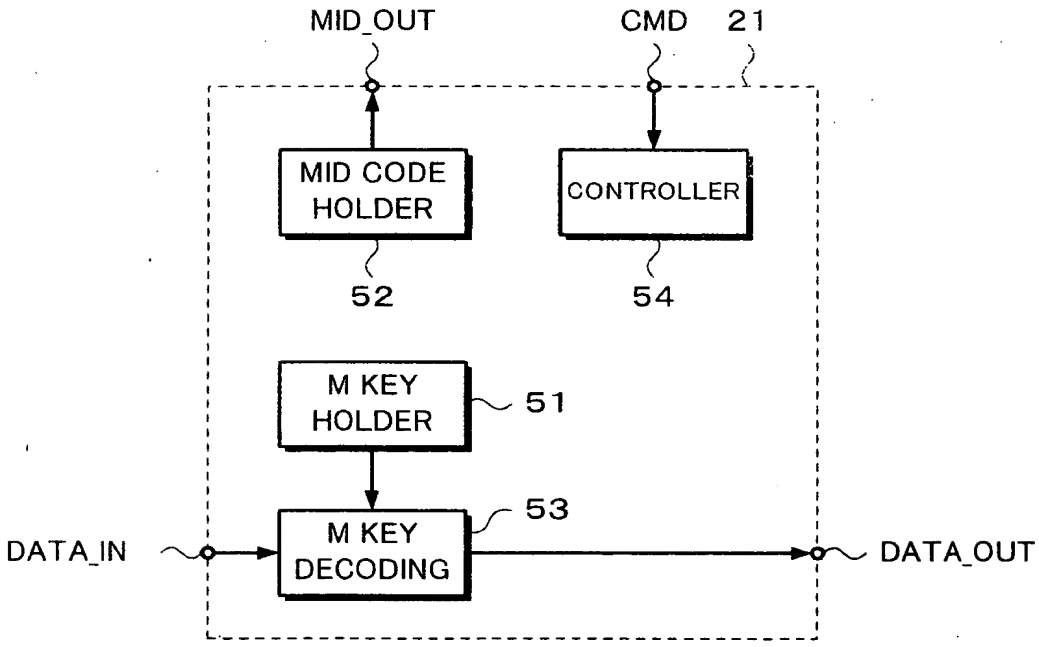
09462615 000104

Fig. 1



JP000046615 - 04-10-00

Fig. 2

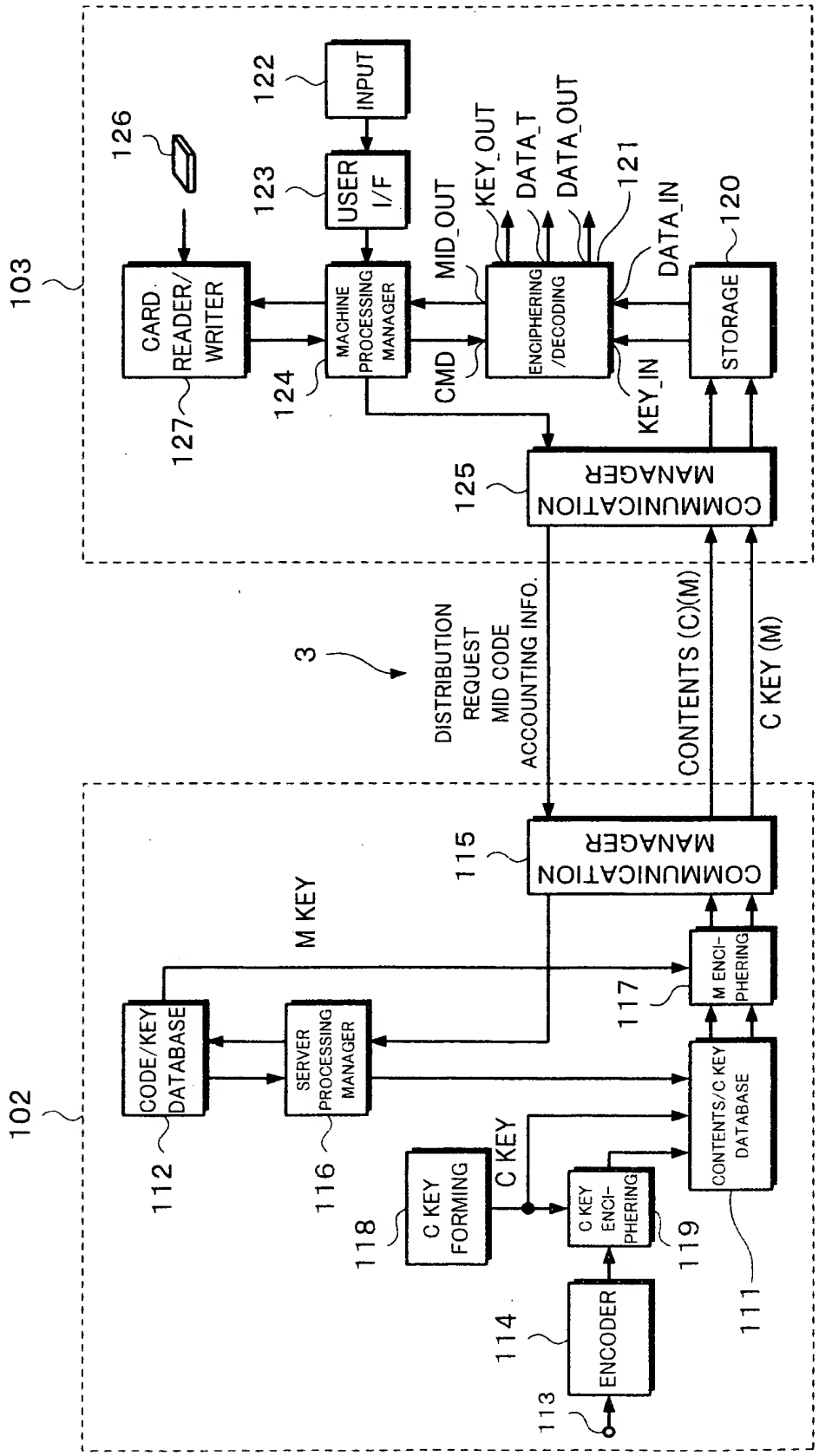


09/462615

Rec'd PCT/PTO 10 JAN 2000

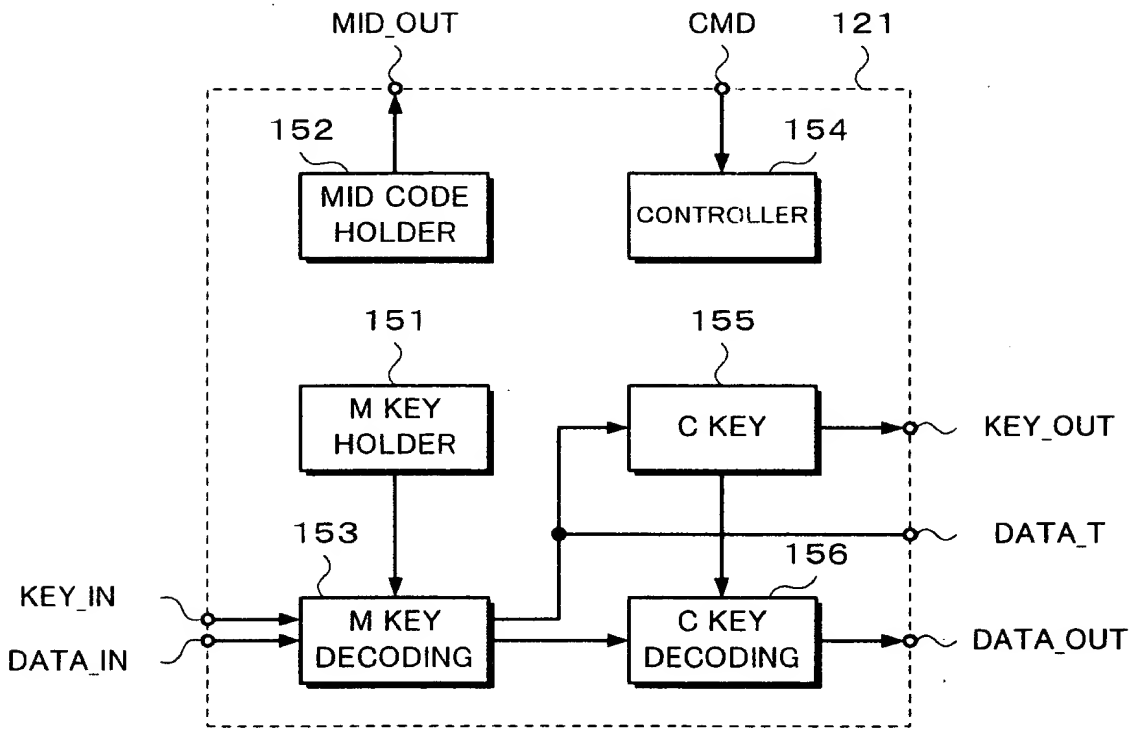
0004540 "5525 9d

Fig. 3



JP00/04595

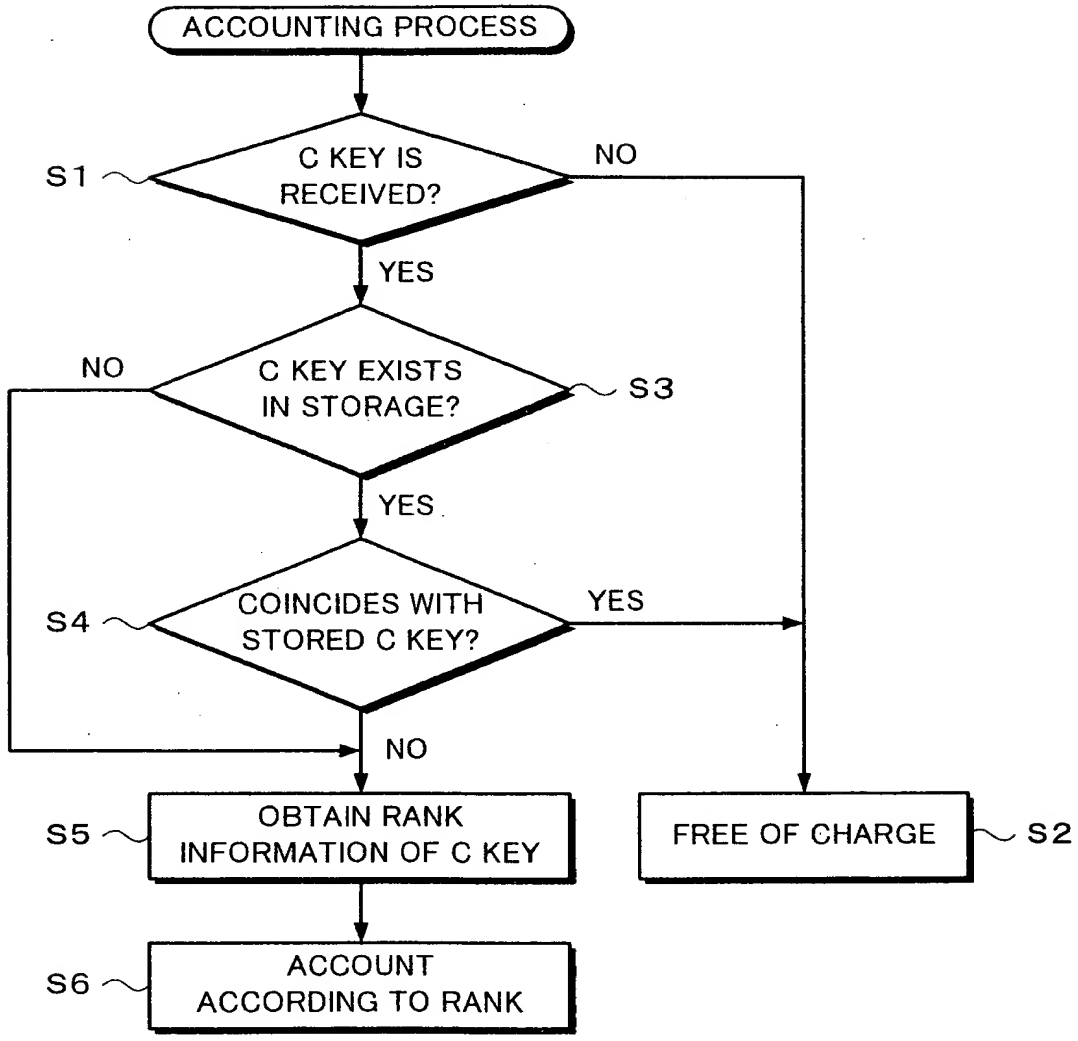
Fig. 4



Rec'd PCT/PTO 10 JAN 2000

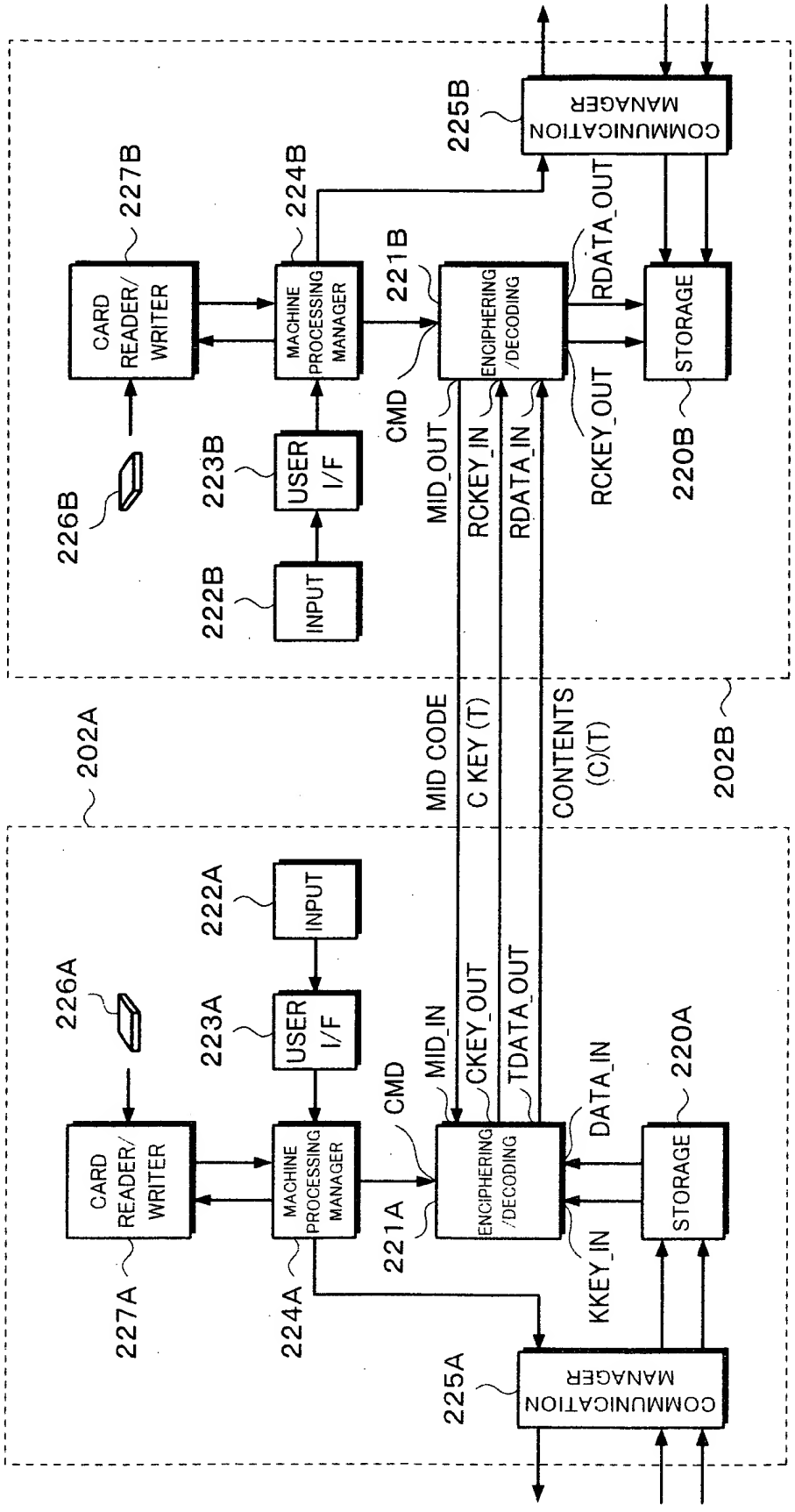
0945045-000400

Fig. 5



0004545 0462615 0004

Fig. 6



09/462615

Rec'd PCT/PTO

000"FO"5T52545D

Fig. 7

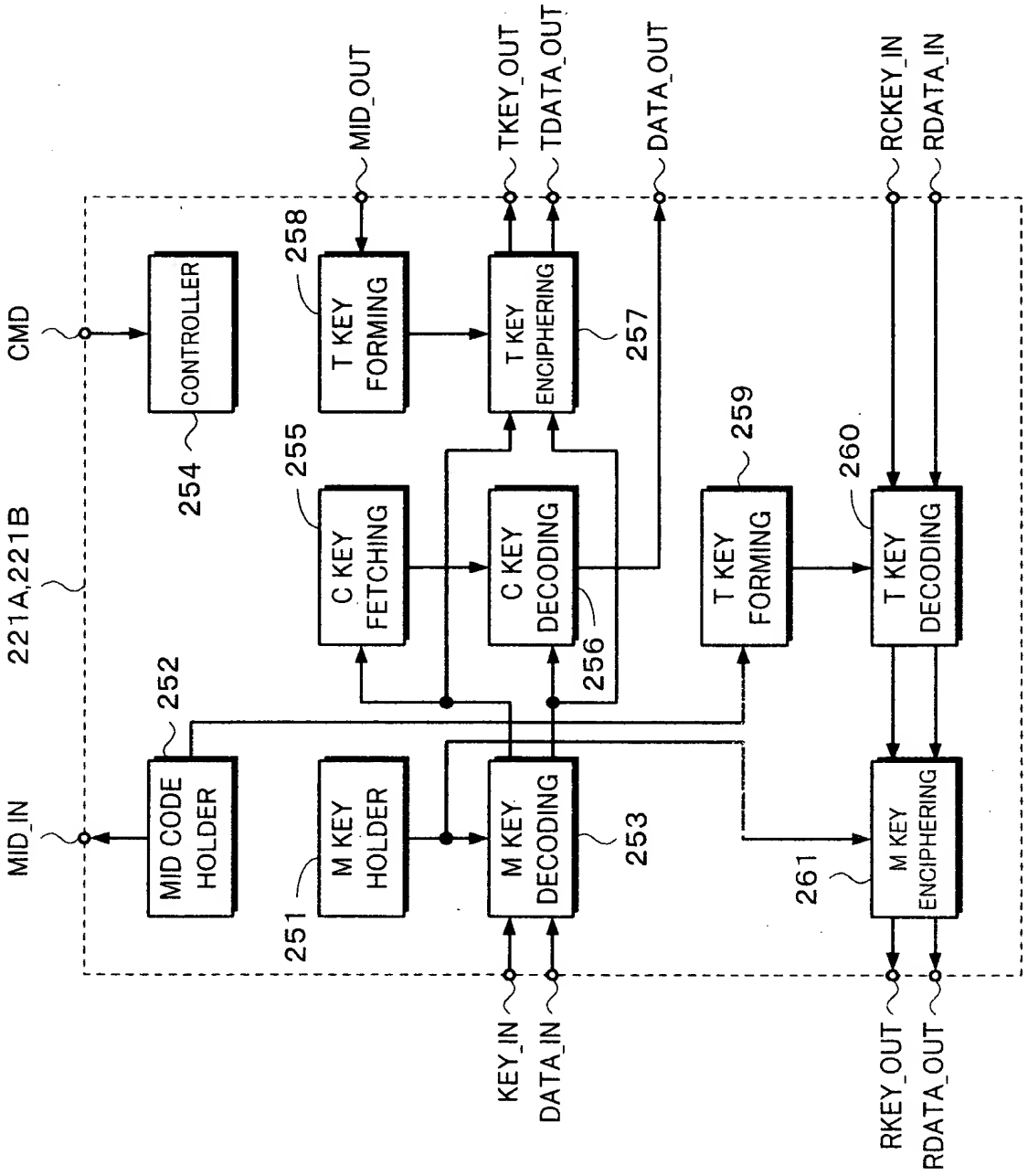


Fig. 8

Fig. 8A
Fig. 8B

Fig. 8A

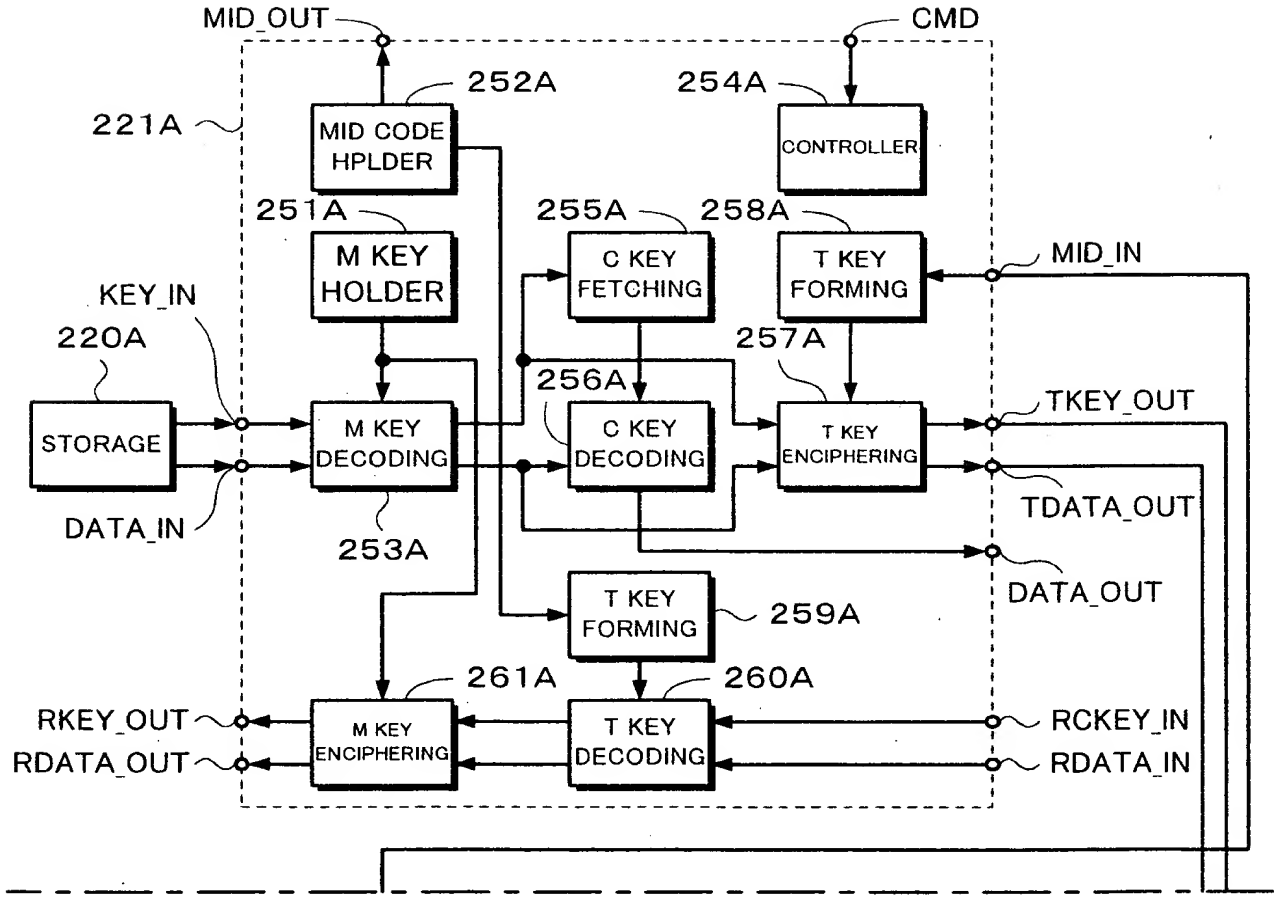


Fig. 8B

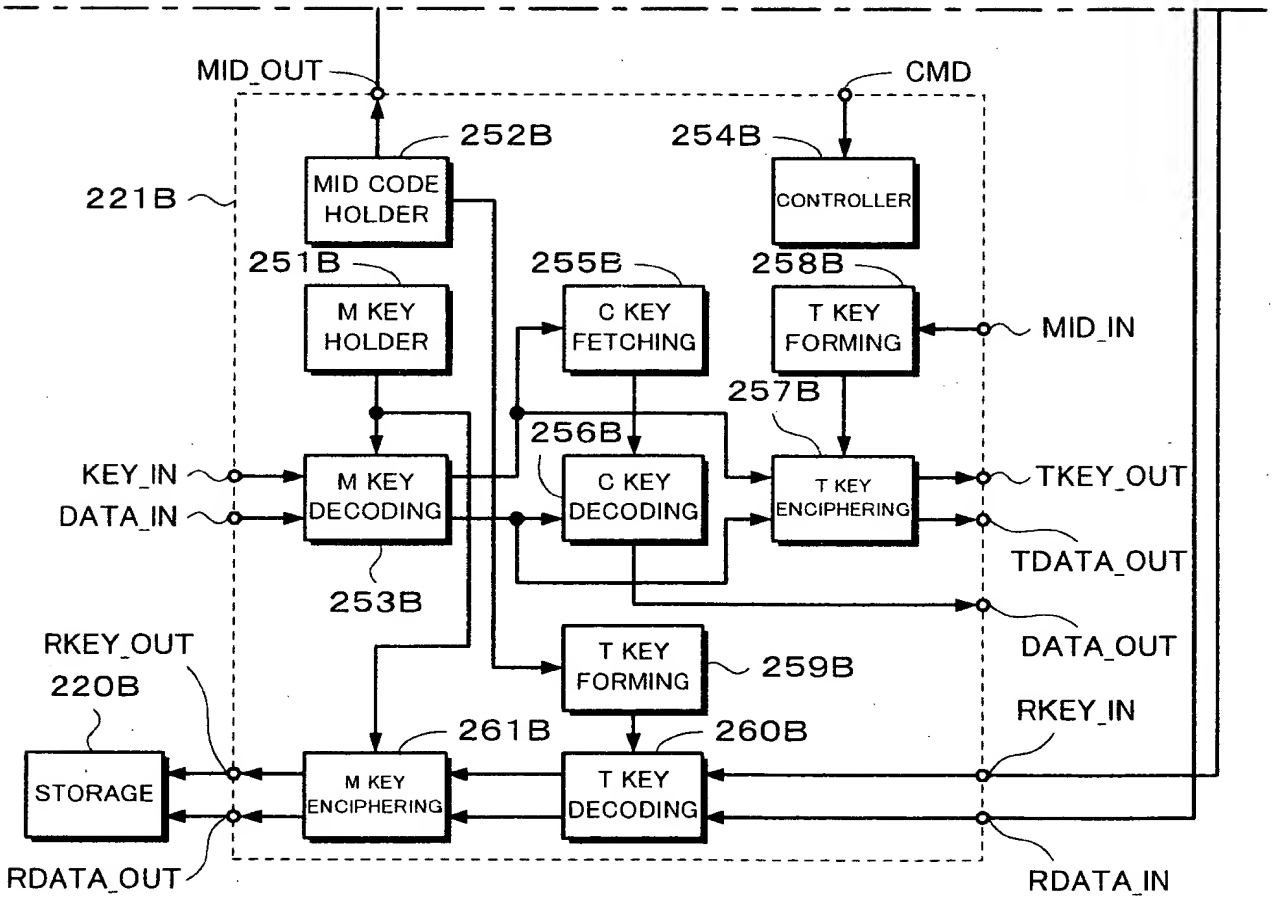

MID_OUT
CMD
252B
254B
221B
MID CODE HOLDER
CONTROLLER
251B
255B
258B
M KEY HOLDER
C KEY FETCHING
T KEY FORMING
MID_IN
257B
256B
KEY_IN
DATA_IN
M KEY DECODING
C KEY DECODING
T KEY ENCIPHERING
TKEY_OUT
TDATA_OUT
253B
DATA_OUT
RKEY_OUT
220B
T KEY FORMING
259B
RKEY_IN
261B
260B
STORAGE
M KEY ENCIPHERING
T KEY DECODING
RDATA_OUT
RDATA_IN

Fig. 9

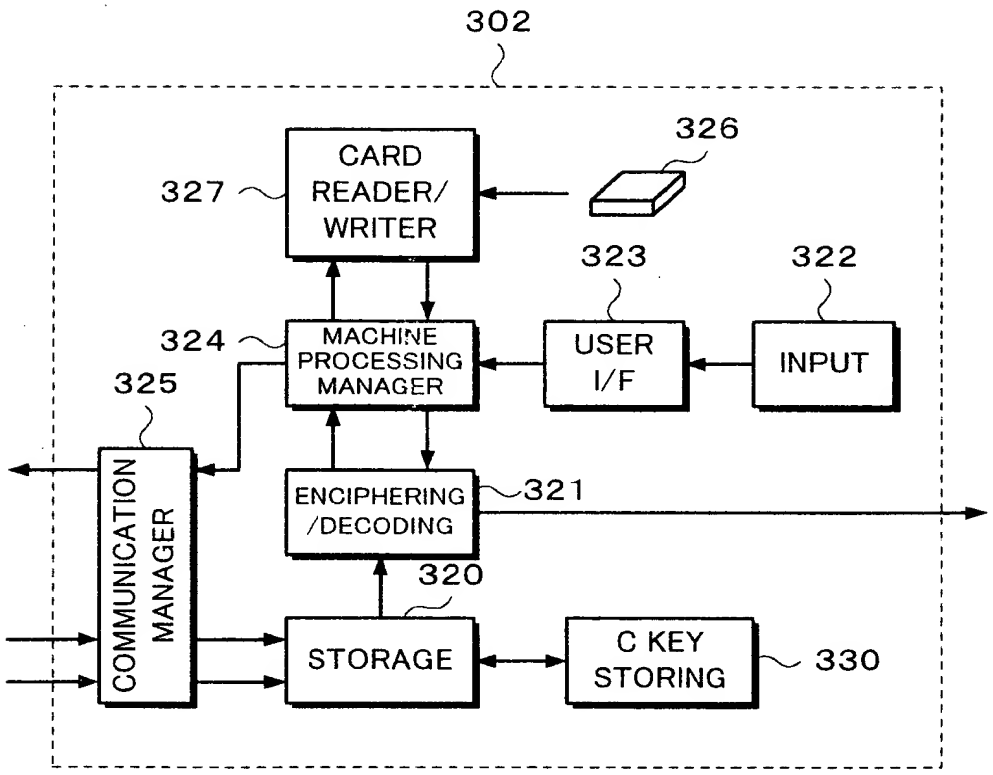
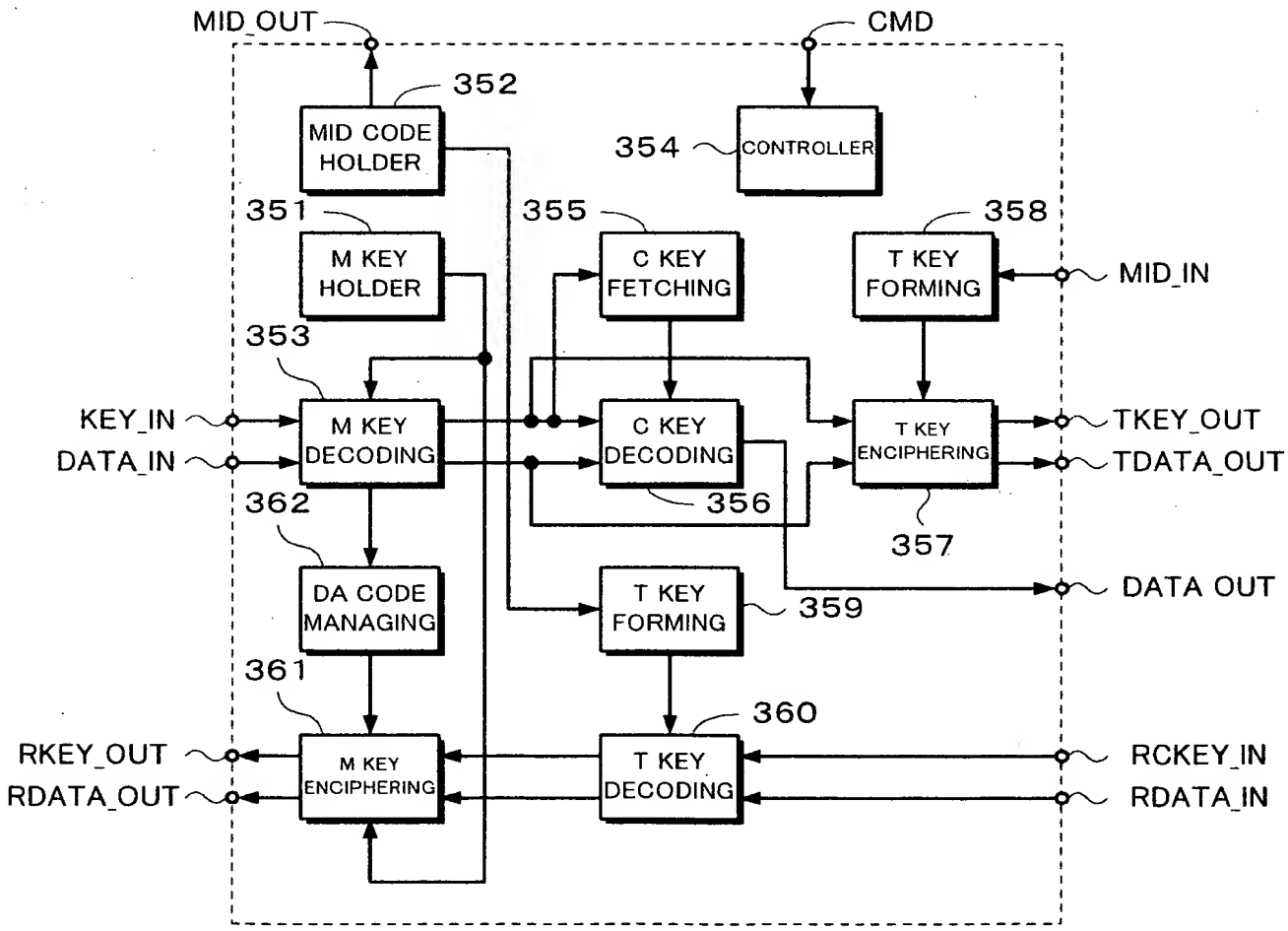


Fig. 10

C KEY	DA CODE

Rec'd PCT/PTO 13 JAN

Fig. 11



JP000004605

Fig. 12

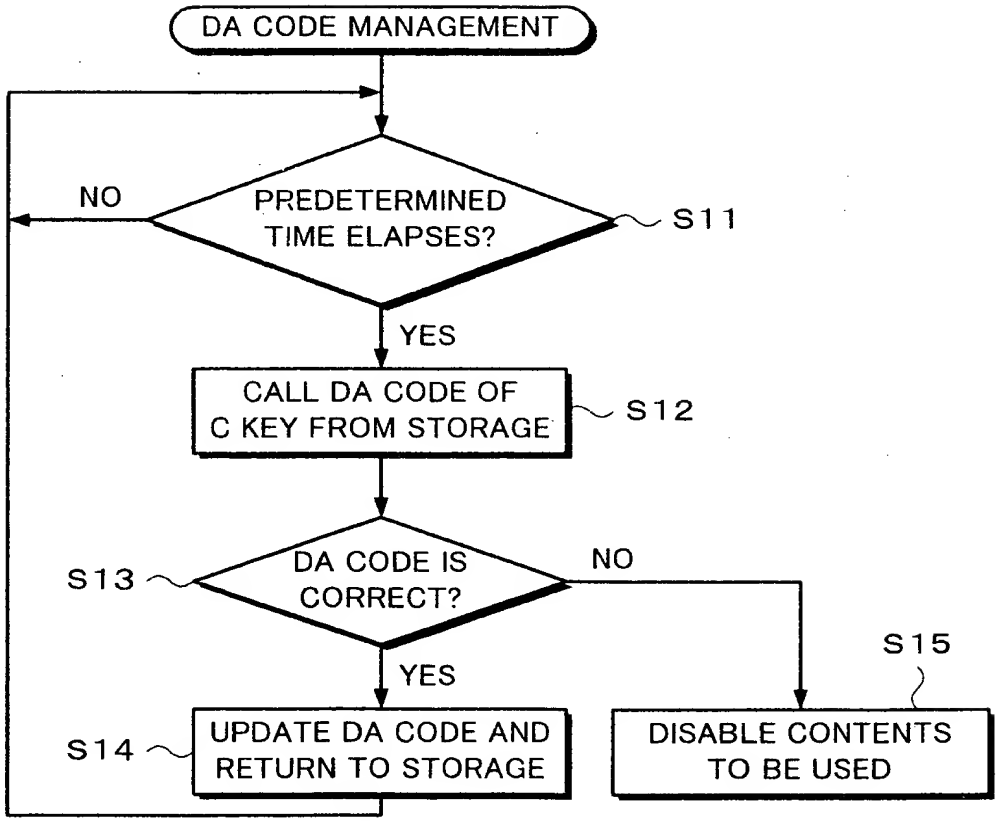


Fig. 13

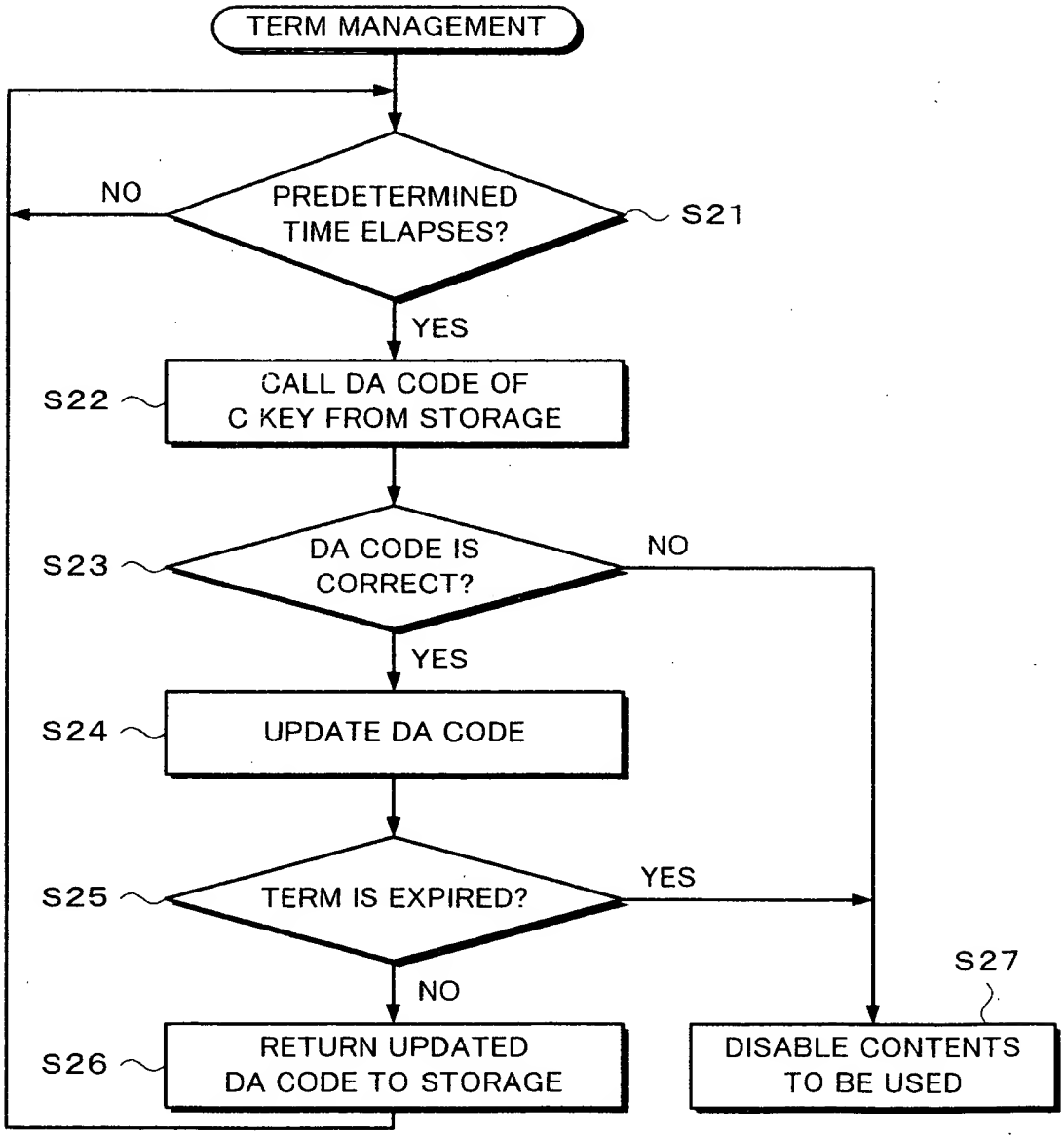
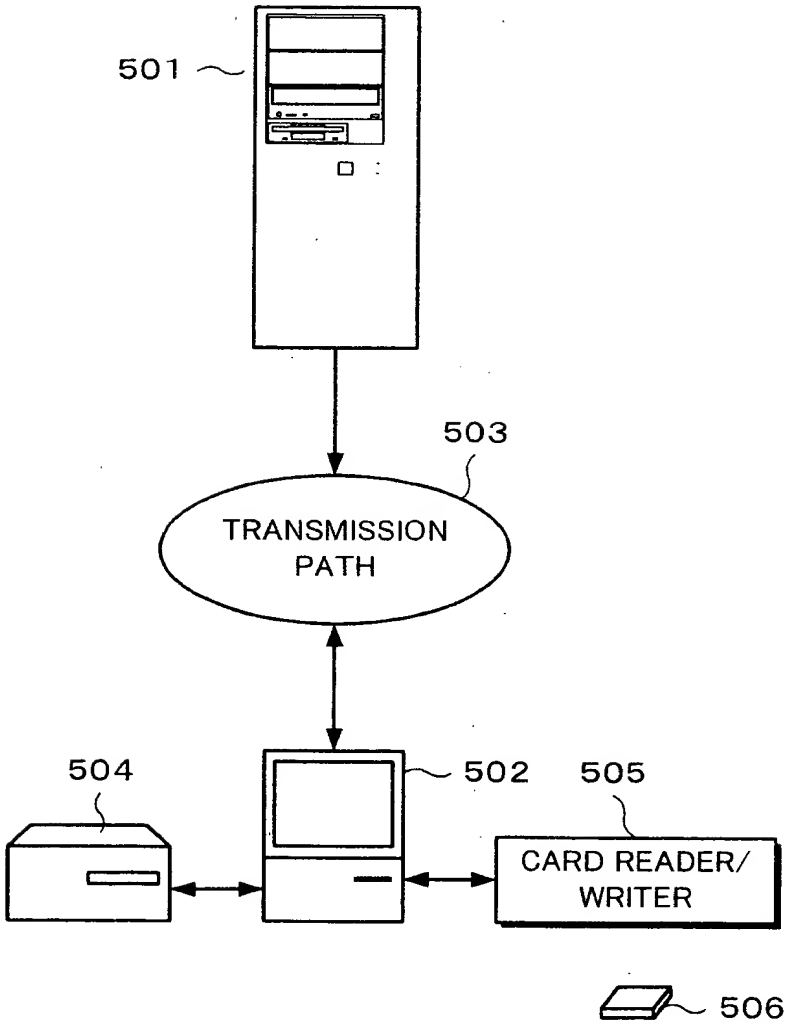

TERM MANAGEMENT
PREDETERMINED TIME ELAPSES?
NO
S21
YES
S22
CALL DA CODE OF C KEY FROM STORAGE
S23
DA CODE IS CORRECT?
NO
YES
S24
UPDATE DA CODE
S25
TERM IS EXPIRED?
YES
NO
S26
RETURN UPDATED DA CODE TO STORAGE
S27
DISABLE CONTENTS TO BE USED

Fig. 14


501
503
TRANSMISSION PATH
504
502
505
CARD READER/ WRITER
506

09/462615

1, 101... CONTENTS SERVER
2, 102, 202A, 202B, 302... USER MACHINE
20, 120, 220A, 220B, 320... STORAGE DEVICE
21, 121, 221A, 221B, 321... ENCIPHERING/DECODING PROCESSING CHIP

09462615 - 081700